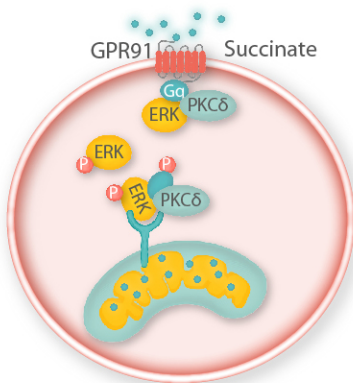


# Effects of succinate in inflammation and hematopoiesis

## Succinate as intercellular communicator

Early sensor of homeostasis perturbations in:

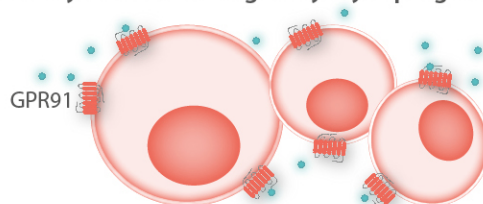
- Cardiomyocytes
- Adipocytes
- Renal cells
- Blood cells



## Succinate in hematopoiesis

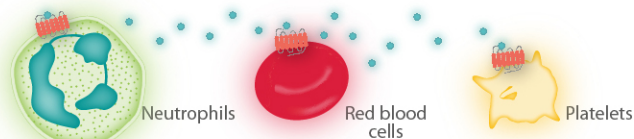
Proliferation of erythroid and megakaryocyte progenitors

**In vitro**



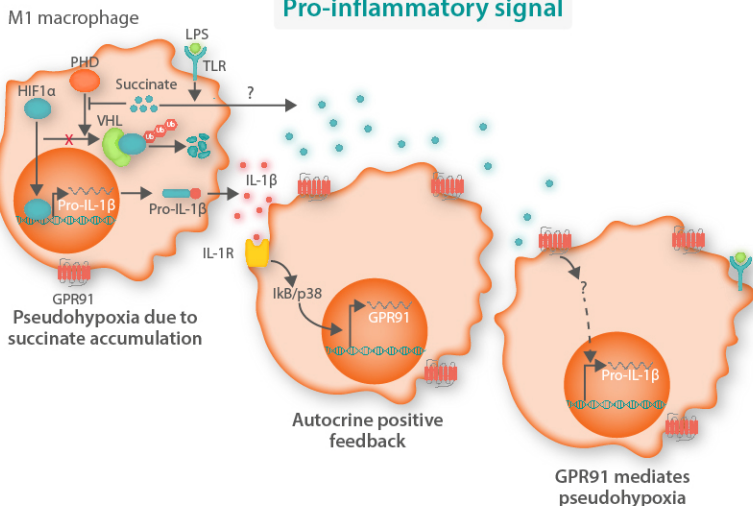
Stimulation of multilineage blood cell recovery

**In vivo**



## Succinate as inflammatory signal

**Pro-inflammatory signal**



**Anti-inflammatory signal**

